

Audi A6 (C6 2005-2011) 3.0 TFSI

Cold Air Intake Kit

Installation Instructions

10X20

PERFORMANCE FABRICATION

Tools Needed:

- 4mm allen wrench
- 10mm combination wrench (or equivalent)
- ½" combination wrench (or equivalent)
- Flat head screwdriver
- Phillips head screwdriver

Optional Tools:

- Hand Drill
- ¼" Drill Bit
- Center Punch

Supplies Needed:

- Painters tape

Optional Supplies:

- Pipe (PTFE) tape

Included Pieces:

- (13) M6 screws
- (9) M6 nuts
- (4) M6 washers
- NPT to barb fitting
- 3" to 4" coupler w/ clamps
- Air Filter
- Heat shield/air duct pieces
- Air box bracket

Installation Procedure:

****NOTE: THIS KIT DOES NOT INCLUDE A FILTER FOR THE FACTORY SAI LINE. YOU WILL NEED ONE BEFORE STARTING INSTALLATION****

1. Ensure all tools & supplies are gathered and ready.
2. Disconnect the negative battery terminal.
3. Remove this hose from its clips, as shown below:





4. Disconnect this vacuum hose, found near the throttle body:



5. Using a **flat head screwdriver**, loosen the hose clamps securing the intake tube:



6. Remove the intake tube from the car:



7. Apply **painters tape** to the vacuum hose and throttle body inlet, to prevent dust and debris from entering:



8. Remove the radiator cowl from the car. Start by pulling up on the front edge of the cowl to release the clips:



Then remove the cowl from the car by pulling it up and forward:



9. Remove this dust screen:



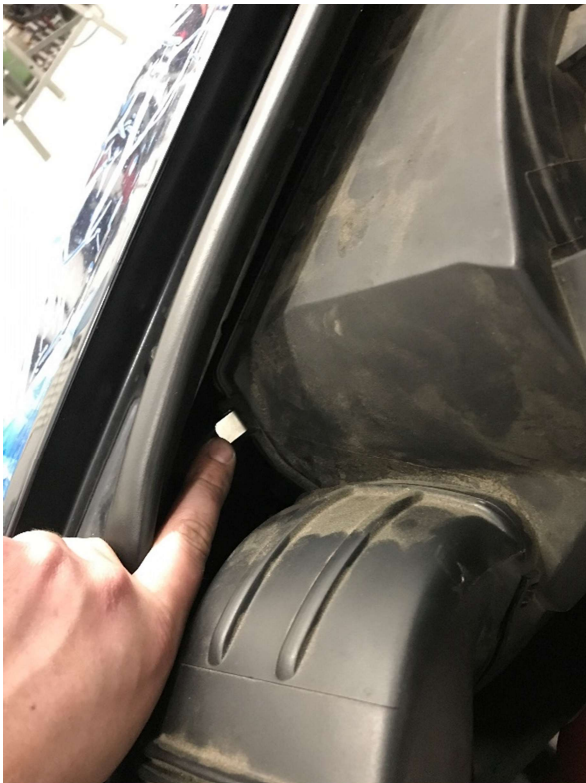
10. Using a **phillips head screwdriver**, remove these screws:



11. Remove the air duct:



12. Push this clip back to free the air box lid. It is located at the front end of the air box, close to the fender:



13. Remove the air box lid:



14. Remove the air box base by pulling up:

NOTE: If you still have your SAI line connected to the factory location, it will be connected at the bottom of the air box base. You will have to move the base out as much as possible, then disconnect the SAI line before fully removing the air box base.

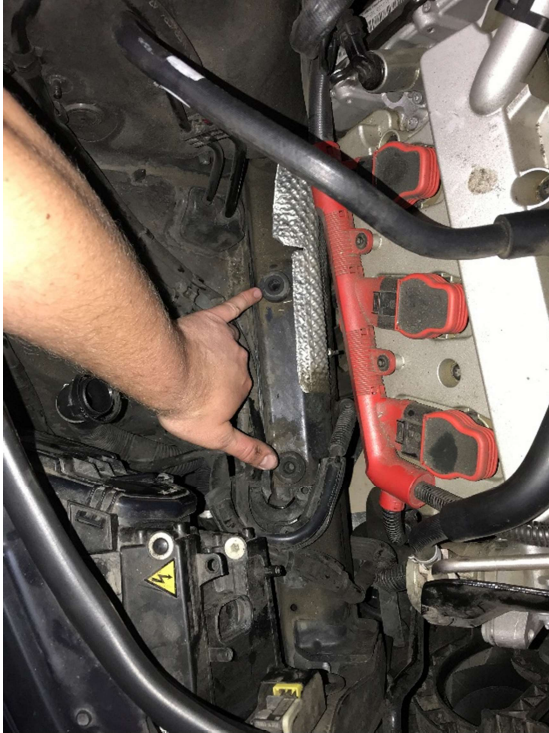




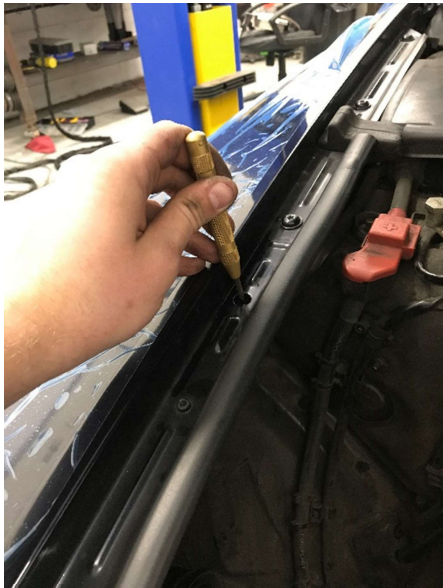
Above: SAI line connector

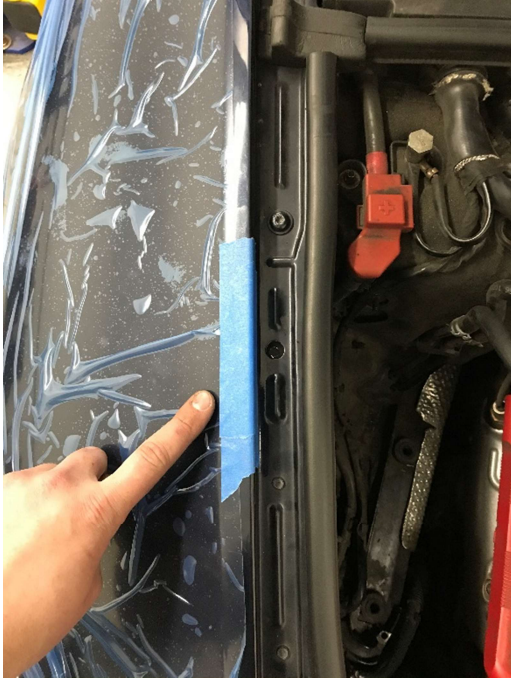
15. Remove the rubber mounting grommets on the bottom of the air box base, and re-install them in the factory locations on the car:





Optional Step – Mark the center of this hole with a **center punch**, line the fender with multiple layers of **painters tape** (to protect the paint from scratching/dings) and use a **hand drill** and **1/4" drill bit** to drill a hole in the fender rail. Be sure to clean up any burrs around the hole from drilling. This will be used as a mounting point for the new air box. Although this step is not completely necessary to complete the installation of your new intake system, we recommend doing this as it will keep the air box from rattling:







16. Assemble your air ducting using **(3) M6 screws**, **(3) M6 nuts**, a **4mm allen wrench**, and a **10mm combination wrench**. Apply **painters tape** to prevent scratching during install:

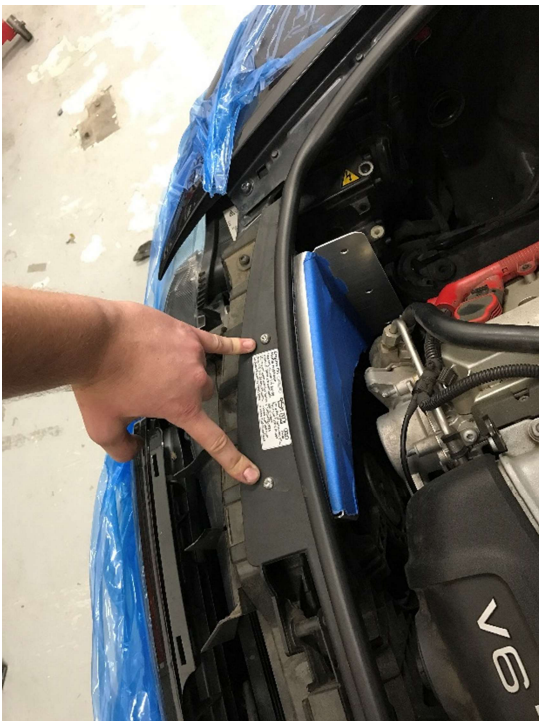




17. Using a **10mm combination wrench**, remove these two nuts, and remove the black bracket. This will make the next step easier:



18. Install the air ducting assembly using **(2) M6 screws** and **(2) M6 nuts**. Install the hardware finger tight. Remove the **painters tape**, and reinstall the bracket from step 17:



19. Set the air filter in its approximate location.



20. Install the heat shield. The bottom pegs insert into the rubber grommets that mounted the factory air box base. If you have an SAI filter/bracket, now is a good time to install those items:



21. Secure the heat shield to the air duct assembly using **(3) M6 screws**, **(3) M6 nuts**, and **(3) M6 washers**. Tighten these as well as the hardware from step 18 using a **4mm allen wrench** and a **10mm combination wrench**.



Optional Step – If you drilled a hole in your fender rail, secure the air box bracket to that hole using **(1) M6 screw**, and **(1) M6 nut**. The slotted hole on the bracket faces the heat shield. Leave the hardware finger tight. **Tip:** Use **painters tape** to hold the screw on an allen wrench. This makes dropping it in the drilled hole easier (see pictures).



22. Thread the included **NPT barb fitting** into the new intake tube using a **½" combination wrench**. Align the hose barb with the inlet of the tube, as seen below. Do not overtighten.

NOTE: Applying thread tape to the NPT fitting is recommended, but not required.



23. Remove the painters tape from the throttle body, and install the **3" to 4" silicone coupler**. Tighten the hose clamp on the throttle body using a **flat head screwdriver**:

NOTE: Components in the below picture may differ from those included in your kit.



24. Install the intake tube into the silicone coupler and air filter. Tighten all hose clamps with a **flathead screwdriver**:



25. Remove the painters tape from the vacuum hose, and install on the hose barb:



26. Install the air box lid using **(4) M6 screws**. Tighten all screws with a **4mm allen wrench**:

Optional Step – If you drilled a hole in your fender rail and are using the air box bracket, add (1) M6 Washer under the left-rear M6 screw head, and sandwich the bracket between the screw head and air box lid. Tighten all hardware securing the bracket with a **4mm allen wrench** and a **10mm combination wrench**.





27. Reinstall the dust screen removed in step 9, then reinstall the radiator cowl removed in step 8.
28. Double check that everything is tight, and secure.
29. Reconnect the negative battery terminal.
30. Start the car, and check for any leaks or abnormal noises.

Installation is complete.

We are happy to help and provide support on any issues that our customers come across when using/installing our products!
For questions, comments, or concerns please contact us at:

P: +1 (509) 619-2024

E: jordan@10x20fab.com

